

Abstract

Mechanical connection between side walls and the rear wall of a sheet-metal casing

In order to produce mechanical connections without additional measures being required, the base part, side walls and rear wall of the sheet-metal casing comprise a single sheet-metal part. The side walls have a cutout in the region of the top rear corner, and the rear wall has an angled section which, on its sides, has hook-like extensions which snap into the cutouts of the side walls when the actual rear wall is swung into position.

Figure 1

Figure 1 is a perspective view of a sheet-metal casing 10. The casing 10 is formed from a single sheet-metal part and includes a base part 12, side walls 14 and 16, and a rear wall 18. The side walls 14 and 16 have cutouts 20 and 22 in the region of the top rear corner. The rear wall 18 has an angled section 24 which, on its sides, has hook-like extensions 26 and 28. The hook-like extensions 26 and 28 snap into the cutouts 20 and 22 of the side walls 14 and 16 when the rear wall 18 is swung into position.